

IMPROVED BACK-PRESSURE AND IMPEDANCE TESTER FOR INK JET CARTRIDGES

Abstract of the Disclosure

A flow resistance measuring or back-pressure tester is provided for ink cartridges. A syringe pump extracts fluid at a desired flow rate from an outlet port of an ink cartridge. An ink removal device allows a user to selectively purge air from the system to improve the accuracy of the measurements. A variety of flow rates are measured to collect as benchmark data and allow new designs to be similarly sized, specified, and materials and pathways selected to control fluid delivery in replacement ink cartridges.